

FORM

6

Rev  
12/05

## State of Colorado

## Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Replug By Other Operator

Document Number:

401133937

Date Received:

## WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10548

Contact Name: Terry Pape

Name of Operator: HRM RESOURCES II LLC

Phone: (970) 768-5700

Address: 410 17TH STREET #1600

Fax: (303) 893-6892

City: DENVER State: CO Zip: 80202

Email: tpape@hrmres.com

For "Intent" 24 hour notice required,

Name: Montoya, John

Tel: (970) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-001-07283-00

Well Name: STATE

Well Number: 4-30

Location: QtrQtr: NESE Section: 30 Township: 2S Range: 62W Meridian: 6

County: ADAMS

Federal, Indian or State Lease Number: 78-3031

Field Name: WARLOCK

Field Number: 90695

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.845370

Longitude: -104.360020

GPS Data:

Date of Measurement: 01/23/2010

PDOP Reading: 1.3

GPS Instrument Operator's Name: Joseph Collins

Reason for Abandonment: ☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ OtherCasing to be pulled: ☒ Yes☐ No

Estimated Depth: 6100

Fish in Hole: ☐ Yes☒ No

If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes☒ No

If yes, explain details below

Details:

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7290	7354			

Total: 1 zone(s)

## Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	10	8+5/8	24	235	180	235	0	VISU
1ST	7+1/2	4+1/2	11.6	7,409	225	7,409	6,273	CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7240 with 2 sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set <u>50</u>	sks cmt from <u>6150</u>	ft. to <u>5944</u>	ft.	Plug Type: <u>STUB PLUG</u>	Plug Tagged: <input type="checkbox"/>
Set <u>30</u>	sks cmt from <u>1119</u>	ft. to <u>1016</u>	ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set <u>30</u>	sks cmt from <u>662</u>	ft. to <u>559</u>	ft.	Plug Type: <u>OPEN HOLE</u>	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 125 sacks half in. half out surface casing from 338 ft. to 0 ft. Plug Tagged: ☐

Set \_\_\_\_\_ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☐ No

Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Plan to plug well according to the following procedure. Intend to begin plugging operations as soon as approved and rig becomes available.

1. Conduct pre-job safety meeting and complete daily JSA
2. Prior to MIRU, check rig anchors and blow down well/kill if necessary
3. Dig out around wellhead and check surface annulus for pressure  
(If present call Terry Pape 970-768-5700 and Craig Owen 970-646-3933 for orders)
4. MIRU P&A equipment, NDWH, NUBOP, TOH and tally 6,150' of tubing to derrick if present (If not present or in bad condition, PU 6,150' of 2-3/8" 4.7# workstring)
5. RU wireline, PU 4-1/2" 11.6# CIBP, TIH to 7,240' and set, TOH
6. TIH and CDB 2 sacks of 15.8# class G neat 1.15 cu.ft./sack yield cement on top, TOH (2 sxs is 25' in 4-1/2", TOC: 7,214')
7. Load wellbore with water, Pressure test casing to 500 psi for 5 minutes (If test fails call Terry Pape and Craig Owen for orders)
8. TIH wireline, Run CBL from 6,600' to surface to verify cement, TOH, RD wireline (Submit CBL to Diana Burn, COGCC, diana.burn@state.co.us)
9. RU casing handling tools, Unland casing, Stretch and determine freepoint
10. RU wireline, TIH and cut casing at freepoint (about 6,100'), TOH, RD wireline
11. TOH and LD casing, RD casing handling tools
12. TIH to 6,150', (50' in stub)
13. Pump 50 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement (4 sxs is 50' in 4-1/2", 46 sxs is 156' in 7-7/8", TOC: 5,944')
14. TOH and LD to 1,119'
15. Pump 30 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement below Fox Hills (30 sxs is 102' in 7-7/8", TOC: 1,016')
16. TOH and LD to 662'
17. Pump 30 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement below Lower Arapahoe (30 sxs is 102' in 7-7/8", TOC: 559')
18. TOH and LD to 383'
19. Pump 125 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface
20. TOH and LD tubing, Dig up wellhead and cut off 3' below restored ground level, top off if necessary
21. Weld on cap with ID plate, backfill, clean location.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: April Prohaska

Title: Production Tech

Date: \_\_\_\_\_

Email: aprohaska@hrmres.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: \_\_\_\_\_

**COA Type**

**Description**

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**Attachment Check List**

**Att Doc Num**

**Name**

401133938	WELLBORE DIAGRAM
401133939	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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Total: 0 comment(s)